

## Azide-PEG9-amido-C16-Boc

## Chemical Properties

CAS No. :

Formula: C42H82N4O12

Molecular Weight: 835.12



Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Azide-PEG9-amido-C16-Boc is an alkyl/ether-based PROTAC linker used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1974 mL	5.9872 mL	11.9743 mL
5 mM	0.2395 mL	1.1974 mL	2.3949 mL
10 mM	0.1197 mL	0.5987 mL	1.1974 mL
50 mM	0.0239 mL	0.1197 mL	0.2395 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

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